

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/788,563

Source: _____

Date Processed by STIC: _____

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RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/788,563

TIME: 10:06:54

Input Set : N:\CrF3\RULE60\10788563.raw.txt

Output Set: N:\CRF4\10182004\J788563.raw

1 <110> APPLICANT: Coy, David H.
2 Moreau, Jacques-Pierre
3 Kim, Sun H.
4 <120> TITLE OF INVENTION: OCTAPEPTIDE BOMBESIN ANALOGS
5 <130> FILE REFERENCE: 00537-00900K
6 <140> CURRENT APPLICATION NUMBER: US/10/788,563
7 <141> CURRENT FILING DATE: 2004-02-27
8 <150> PRIOR APPLICATION NUMBER: US/10/004,530
9 <151> PRIOR FILING DATE: 2001-10-23
10 <150> PRIOR APPLICATION NUMBER: 09/260,846
11 <151> PRIOR FILING DATE: 1999-03-02
12 <150> PRIOR APPLICATION NUMBER: 08/337,127
13 <151> PRIOR FILING DATE: 1994-11-10
14 <150> PRIOR APPLICATION NUMBER: 07/779,039
15 <151> PRIOR FILING DATE: 1991-10-18
16 <150> PRIOR APPLICATION NUMBER: 07/502,438
17 <151> PRIOR FILING DATE: 1990-03-30
18 <150> PRIOR APPLICATION NUMBER: 07/397,169
19 <151> PRIOR FILING DATE: 1989-08-21
20 <150> PRIOR APPLICATION NUMBER: 07/376,555
21 <151> PRIOR FILING DATE: 1989-07-07
22 <150> PRIOR APPLICATION NUMBER: 07/317,941
23 <151> PRIOR FILING DATE: 1989-03-02
24 <150> PRIOR APPLICATION NUMBER: 07/282,328
25 <151> PRIOR FILING DATE: 1988-12-09
26 <150> PRIOR APPLICATION NUMBER: 07/257,998
27 <151> PRIOR FILING DATE: 1988-10-14
28 <150> PRIOR APPLICATION NUMBER: 07/248,771
29 <151> PRIOR FILING DATE: 1988-09-23
30 <150> PRIOR APPLICATION NUMBER: 07/207,759
31 <151> PRIOR FILING DATE: 1988-06-16
32 <150> PRIOR APPLICATION NUMBER: 07/204,171
33 <151> PRIOR FILING DATE: 1988-06-08
34 <150> PRIOR APPLICATION NUMBER: 07/173,311
35 <151> PRIOR FILING DATE: 1988-03-25
36 <150> PRIOR APPLICATION NUMBER: 07/100,571
37 <151> PRIOR FILING DATE: 1987-09-24
38 <160> NUMBER OF SEQ ID NOS: 26
39 <170> SOFTWARE: FastSEQ for Windows Version 4.0
41 <210> SEQ ID NO: 1
42 <211> LENGTH: 14
43 <212> TYPE: PRT
44 <213> ORGANISM: Xenopus laevis

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```

45 <400> SEQUENCE: 1
46   Glu Gln Arg Leu Gly Asn Gln Trp Ala Val Gly His Leu Met
47       1               5               10
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 27
51 <212> TYPE: PRT
52 <213> ORGANISM: Sus scrofa
53 <400> SEQUENCE: 2
54   Ala Pro Val Ser Val Gly Gly Gly Thr Val Leu Ala Lys Met Tyr Pro
55       1               5               10               15
56   Arg Gly Asn His Trp Ala Val Gly His Leu Met
57       20               25
59 <210> SEQ ID NO: 3
60 <211> LENGTH: 27
61 <212> TYPE: PRT
62 <213> ORGANISM: Homo sapiens
63 <400> SEQUENCE: 3
64   Val Pro Leu Pro Ala Gly Gly Gly Thr Val Leu Thr Lys Met Tyr Pro
65       1               5               10               15
66   Arg Gly Asn His Trp Ala Val Gly His Leu Met
67       20               25
69 <210> SEQ ID NO: 4
70 <211> LENGTH: 8
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Synthetically generated peptide
75 <220> FEATURE:
76 <221> NAME/KEY: VARIANT
77 <222> LOCATION: 8
78 <223> OTHER INFORMATION: Xaa = statine
79 <400> SEQUENCE: 4
W--> 80   Glu Gln Trp Ala Val Gly His Xaa
81       1               5
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 29
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Synthetically generated peptide
89 <220> FEATURE:
90 <221> NAME/KEY: VARIANT
91 <222> LOCATION: 2
92 <223> OTHER INFORMATION: Xaa at position 2 is Ala, D-Ala, N-methyl-D-Ala,
93   or alpha-aminobutyric acid
94 <400> SEQUENCE: 5
W--> 95   Tyr Xaa Asp Ala Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
96       1               5               10               15
97   Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg

```

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```

98                               20                               25
100 <210> SEQ ID NO: 6
101 <211> LENGTH: 9
102 <212> TYPE: PRT
103 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Synthetically generated peptide
106 <400> SEQUENCE: 6
107     Glu Gln Trp Ala Val Gly His Phe Leu
108         1             5
110 <210> SEQ ID NO: 7
111 <211> LENGTH: 9
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Synthetically generated peptide
116 <400> SEQUENCE: 7
117     Glu Gln Trp Ala Val Gly His Leu Leu
118         1             5
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 9
122 <212> TYPE: PRT
123 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Synthetically generated peptide
126 <400> SEQUENCE: 8
127     Glu Gln Trp Ala Val Gly His Leu Leu
128         1             5
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 9
132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Synthetically generated peptide
136 <220> FEATURE:
137 <221> NAME/KEY: VARIANT
138 <222> LOCATION: 9
139 <223> OTHER INFORMATION: Xaa = statine
140 <400> SEQUENCE: 9
W--> 141     Glu Gln Gln Trp Ala Val Gly His Xaa
142         1             5
144 <210> SEQ ID NO: 10
145 <211> LENGTH: 35
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Synthetically generated peptide
150 <400> SEQUENCE: 10
151     Tyr Arg Lys Ala Leu Gly Gln Leu Ser Ala Arg Lys Leu Leu Gln Asp

```

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Output Set: N:\CRF4\10182004\J788563.raw

```

152      1          5          10          15
153      Ile Met Ser Arg Gln Gln Gly Glu Ser Asn Gln Glu Arg Gly Ala Arg
154              20          25          30
155      Ala Arg Leu
156              35
158 <210> SEQ ID NO: 11
159 <211> LENGTH: 29
160 <212> TYPE: PRT
161 <213> ORGANISM: Homo sapiens
162 <400> SEQUENCE: 11
163      Tyr Ala Asp Ala Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
164      1          5          10          15
165      Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg
166              20          25
168 <210> SEQ ID NO: 12
169 <211> LENGTH: 10
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Synthetically generated peptide
174 <400> SEQUENCE: 12
175      Gly Asn His Trp Ala Val Gly His Leu Leu
176      1          5          10
178 <210> SEQ ID NO: 13
179 <211> LENGTH: 9
180 <212> TYPE: PRT
181 <213> ORGANISM: Homo sapiens
182 <400> SEQUENCE: 13
183      Glu Gln Trp Ala Val Gly His Phe Met
184      1          5
186 <210> SEQ ID NO: 14
187 <211> LENGTH: 10
188 <212> TYPE: PRT
189 <213> ORGANISM: Homo sapiens
190 <400> SEQUENCE: 14
191      Gly Ser His Trp Ala Val Gly His Leu Met
192      1          5          10
194 <210> SEQ ID NO: 15
195 <211> LENGTH: 10
196 <212> TYPE: PRT
197 <213> ORGANISM: Xenopus laevis
198 <400> SEQUENCE: 15
199      Gly Asn Gln Trp Ala Val Gly His Leu Met
200      1          5          10
202 <210> SEQ ID NO: 16
203 <211> LENGTH: 10
204 <212> TYPE: PRT
205 <213> ORGANISM: Homo sapiens
206 <400> SEQUENCE: 16

```

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Output Set: N:\CRF4\10182004\J788563.raw

```

207      Gly Asn His Trp Ala Val Gly His Leu Met
208      1              5              10
210 <210> SEQ ID NO: 17
211 <211> LENGTH: 28
212 <212> TYPE: PRT
213 <213> ORGANISM: Homo sapiens
214 <400> SEQUENCE: 17
215      His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
216      1              5              10              15
217      Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn
218      20              25
220 <210> SEQ ID NO: 18
221 <211> LENGTH: 27
222 <212> TYPE: PRT
223 <213> ORGANISM: Homo sapiens
224 <400> SEQUENCE: 18
225      His Ala Asp Gly Val Phe Thr Ser Asp Phe Ser Arg Leu Leu Gly Gln
226      1              5              10              15
227      Leu Ser Ala Lys Lys Tyr Leu Glu Ser Leu Ile
228      20              25
230 <210> SEQ ID NO: 19
231 <211> LENGTH: 27
232 <212> TYPE: PRT
233 <213> ORGANISM: Homo sapiens
234 <400> SEQUENCE: 19
235      His Ser Asp Gly Thr Phe Thr Ser Glu Leu Ser Arg Leu Arg Asp Ser
236      1              5              10              15
237      Ala Arg Leu Gln Arg Leu Leu Gln Gly Leu Val
238      20              25
240 <210> SEQ ID NO: 20
241 <211> LENGTH: 44
242 <212> TYPE: PRT
243 <213> ORGANISM: Homo sapiens
244 <400> SEQUENCE: 20
245      Tyr Ala Asp Val Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
246      1              5              10              15
247      Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg Gln Gln Gly
248      20              25              30
249      Glu Ser Asn Gln Glu Arg Gly Ala Arg Ala Arg Leu
250      35              40
252 <210> SEQ ID NO: 21
253 <211> LENGTH: 29
254 <212> TYPE: PRT
255 <213> ORGANISM: Homo sapiens
256 <400> SEQUENCE: 21
257      His Ser Gln Gly Thr Phe Thr Ser Asp Tyr Ser Lys Tyr Leu Asp Ser
258      1              5              10              15
259      Arg Arg Ala Gln Asp Phe Val Gln Trp Leu Met Asn Thr
260      20              25

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/788,563

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Input Set : N:\Crf3\RULE60\10788563.raw.txt
Output Set: N:\CRF4\10182004\J788563.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 8
Seq#:5; Xaa Pos. 2
Seq#:9; Xaa Pos. 9

VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\10788563.raw.txt

Output Set: N:\CRF4\10182004\J788563.raw

L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0